

On page 4, line 7, please delete "cruse" and insert ~~--cruise--~~

In the claims:

In claim 50, line 2, delete "An" and insert ~~--an--~~

Please add the following claims:

52. A hybrid motor vehicle according to Claim 50 wherein said speed demands do not drop below 40 mph for predetermined time periods of 45 seconds.
53. In combination in a motor vehicle having a pair of wheels at one end of the vehicle and a pair of wheels at an opposite end of the vehicle:
- an electric motor for powering one of said pair of wheels;
- a low power combustion engine for powering one of said pair of wheels;
- a battery for storing electrical energy; and
- a cruise mode control having preprogrammed cruise mode operating conditions which includes a vehicle operating speed exceeding a predetermined level and for a predetermined time interval, said control circuit automatically coupling said electric motor to one of said pair of wheels when said cruise mode operating conditions have not been satisfied, coupling said combustion engine to one of said pair of wheels when said cruise mode operating conditions have been satisfied, and decoupling said combustion engine from said one pair of wheels when said cruise mode operating conditions have not been satisfied;
- said cruise mode control circuit adapted to maintain said combustion engine in a constant on mode, to couple said combustion engine to an electric power generator for charging said battery when said cruise mode conditions have not

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been satisfied, and to decouple said combustion engine from said electric power generator when said cruise mode conditions have been satisfied.

In combination in a hybrid vehicle:

an electric motor;

a combustion engine;

a cruise mode logic control circuit;

said cruise mode logic control circuit responsive to a plurality of vehicle operating parameters including vehicle speed and accelerator pedal information for providing cruise mode logic output control signals for controlling operation of said electric motor and said combustion engine.

REMARKS

This amendment corrects the errors pointed out by the Examiner in paragraphs 1 and 2 of the Office letter. Also, the error in claim 50 capitalizing the word "an" making two sentences has been corrected.

In order to prevent rapid transitions, jerkiness and excess pollution when rapidly transitioning from city driving with the high torque electric motor e.g. in city driving to a cruise condition utilizing the combustion engine, 2 conditions must be satisfied to establish or maintain cruise mode operation (see page 5, lines 5-13, also page 6 lines 12-15).

Claim 50 and added dependent claim 52 more specifically describes the 2 conditions for cruise mode retention. More importantly, the specification at page 9, lines 23-28 and also page 10 lines 9-15 and 27-29 referring to Fig. 2 are further illustrative of electric to combustion engine cruise mode control defined in claims 50 and more specifically in added dependent claim 52. It is believed the above satisfy the indefiniteness pointed out in paragraph 4 of the Office Letter.